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Rok 2019 jest Rokiem Matematyki

You study **mathematics** because
it is the poetry of the universe.¹

Math is like going to the gym for
your brain. It sharpens your mind.
Danica Mckellar

MARIA ZDIMALOVA — — mathematician from Slovakia

Series: Woman Professors – Super Personhood

Number of section: 17

Suggested/reviewed book:

Rachel Swaby: *Headstrong 52 Women Who Changed Science and the World*, Broadway Books, New York, 2015

Polish translation:

Rachel Swaby: *52 kobiety, które odmieniły naukę i świat*, Agora, Warszawa, 2017.

CV of Maria Zdimalova – second pdf-file

The series about outstanding woman professors is published in the webpage: www.ptmts.ath.bielsko.pl. The idea of the series is to review the books about these scientists. It simultaneously gives the first glimpse of a heroine of a particular section. Usually, it takes 5–6 pages and (frequently) there are appendixes i.e. photos of places related to their lives, lists of some additional books and/or other related information. The author of essays is not a historian and the texts are based on the

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https://www.google.pl/search?ei=sXW8XleBEcywrgTN2bTACw&q=sayings+about+mathematics&oq=about+mathematics+saying&gs_l=psy-ab.1.0.0i22i30i3.142851.159657..162093...0.0..0.207.3514.0j23j1.....0....1..gws-wiz.....0i71j0i67j0i131j0i19j0i10i19j0i22i30i19j0i13i30i19j0i8i13i30i19.mSKPuTlwPug;

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mentioned books. Sometimes some short quotations are cited – one or two sentences, to underline some controversial ideas or facts.

The book suggested in this chapter is a masterpiece of Rachel Swaby – where She presents 52 Curriculum Vitae of famous woman in science. The chapters are also relatively short – usually 5–6–7 pages, but these are based on various sources checked and read by Rachel Swaby. It gives a spectrum of achievements of famous women in research and discoveries. The scientists are gathered according to the professions and/or fields of science e.g. medicine, biology, genetics, physics, astronomy, mathematics and technology, discoveries. There is also bibliography, foot notes and index of names.

Moreover, this section of the series is dedicated to Slovak scientist Maria Zdimalova whose CV is attached. The author of the essay had an opportunity to hear Her talks during the conference APLIMAT which is organized yearly in February in Bratislava in Slovakia. Her works are dedicated to various topics e.g. relations between art and architecture as well as graph theory and its application.

The Conference name APLIMAT is derived from “applications of mathematics”, moreover it provides sessions on didactics and “mathematics and the arts”. The last mentioned topic is relatively new. It has his own conferences like for example “Bridges” and “Digital Humanities” but the first circulates between Europe and USA or Canada and the second one comprises more wide spectrum of topics i.e. utilization of IT in all fields related to humanistic sciences.

Therefore the mottos placed at the beginning of this section are really adequate – mathematics should be considered almost like a poetry. It is a difficult subject for ordinary pupil and student so to learn it everyone needs some perseverance, positive attitude and imagination. How to change such a situation to give them all **joy** from learning mathematics(??) like some others feel reading poetry. The answer has been given by the actress Danica McKellar who was graduated as mathematician being an world-wide known artists. She wrote books which goal is to make mathematics easier to learn.

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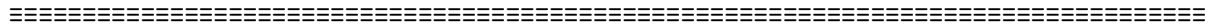
Additional Books

1. Danica McKellar, Mary Lynn Blasutta: *Math Doesn't Suck: How to Survive Middle School Math without Losing Your Mind or Breaking a Nail*. New York: Plume, 2008. [ISBN 978-0-452-28949-9](#). [OCLC 183268080](#). (ang.)
2. Danica McKellar: *Kiss My Math: Showing Pre-Algebra Who's Boss*. New York: Plume, 2009. [ISBN 978-0-452-29540-7](#). [OCLC 276819838](#). (ang.)
3. Danica McKellar: *Hot X: Algebra Exposed*. New York: Plume, 2010. [ISBN 978-0-452-29719-7](#). [OCLC 681497424](#). (ang.)
4. Danica McKellar: *Girls Get Curves: Geometry Takes Shape*. New York: Hudson Street Press, 2012. [ISBN 978-1-59463-094-1](#). [OCLC 779263477](#). (ang.)

/Books in Polish/ Książki w języku polskim:

5. Szczepan Jeleński: Śladami Pitagorasa, Wydawnictwo: Wydawnictwa Szkolne i Pedagogiczne, Warszawa.
6. Szczepan Jeleński: "Lilavati². Rozrywki matematyczne", Warszawa.
7. Poczet Wielkich Matematyków, praca zbiorowa, Włodzimierz Krywicki, Wydawnictwo: Nasza Księgarnia, Warszawa.
8. Marek Kordos: Wykłady z historii matematyki, Wydawnictwo: SCRIPT, Wydanie: Drugie, Warszawa. 2006.
9. Witold Więśław: *Matematyka i jej historia*. Opole: Wydawnictwo NOWIK, 1997. ISBN 83-905456-7-5.

² Czarująca, urocza – domyśle: matematyka.



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BRATISLAVA – the town in which the conference APLIMAT is organized



Widok na most przez Dunaj



Kamienice na bulwarze nad Dunajem



Kamienice na bulwarze nad Dunajem



Sklep na starym mieście

Rok 2019 jest Rokiem Matematyki



Ulica na starym mieście



Kamienica na starym mieście



Pomnik „ludek wychodzący z wężu”



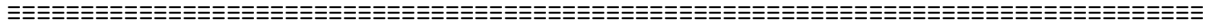
Pomnik reklamujący restaurację



„Pomnik” przed restauracją



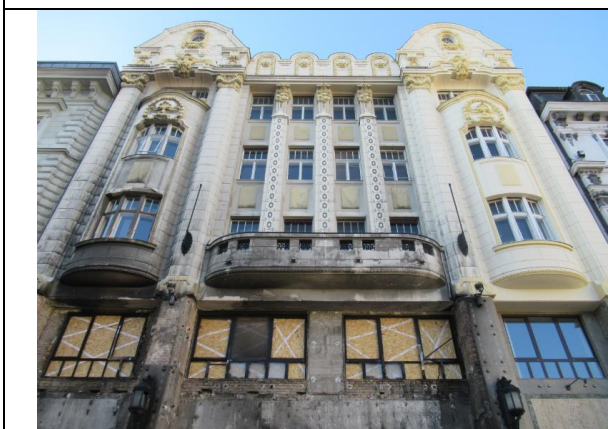
Mural „Svojou Cestou”
Warto iść własną drogą ...



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Pomník nad Dunajem



Kamienica w stylu „secesji”
– na rynku starego miasta



Sala na Uniwersytecie Technicznym;
samochody to rysunki